

REVISED APRIL 4, 2005

**CURRICULUM VITAE**  
**Gary P. Jacobson, Ph.D.**

RESIDENCE: ---

TELEPHONE NO:     Residence: ---; Business: (615) 322.4568

PLACE OF BIRTH: ---

MARITAL STATUS: ---

EDUCATION:

Bachelor of Arts: California State University at Fullerton, Fullerton, California 92635. January, ---  
(Speech Communication)

Master of Science: University of Wisconsin at Stevens Point, Stevens Point, Wisconsin 54481. ---  
(Audiology)

Doctorate of Philosophy: Kent State University, Kent, Ohio 44224. --- (Audiology)

MEMBERSHIP AND PROFESSIONAL ORGANIZATIONS:

Member of the American Speech-Language and Hearing Association

Member of the Acoustical Society of America

Member of the American Academy of Audiology

Member of the American Auditory Society

Member of the American Society of Neurophysiological Monitoring

Member of the Association for Research in Otolaryngology

CERTIFICATION:

Certificate of Clinical Competency in Audiology (CCC-A) from     American Speech-Language  
Hearing Association (ASHA), -

State of Ohio License in Audiology, ---

State of Michigan Hearing Aid License, ---

Certification in Neurophysiologic Intraoperative Monitoring (CNIM) from The American Board of Registration of Electroencephalographic and Evoked Potential Technologists, Inc.(ABRET)- ---

### CLINICAL EXPERIENCE:

Feb. 2003- Present                      Professor & Director, Division of Audiology, Department of Hearing and Speech Sciences, Vanderbilt Bill Wilkerson Center, Vanderbilt University, 1500 21<sup>st</sup> Avenue South, Suite 2600, Nashville, TN 37212-3102.

Jan. 1988-Jan. 2003                      Division Head, Division of Audiology, Department of Otolaryngology-Head and Neck Surgery, Henry Ford Hospital, 2799 W. Grand Boulevard, Detroit, MI 48202

Jan. 1988-Jan. 2003                      Adjunct Staff, Department of Neurology, Henry Ford Hospital, 2799 W. Grand Boulevard, Detroit, MI 48202

Dec. 1979-Dec. 1987                      Chief, Audiology & Speech Pathology Section, Veterans Administration Medical Center, 3200 Vine Street, Cincinnati, Ohio 45220

August 1982-Dec. 1987                      Director, Evoked Potentials Laboratory, Department of Neurology, University of Cincinnati Medical Center, 234 Goodman Street, Cincinnati, Ohio 45267

January 1986-Dec. 1987                      Director, Intraoperative Evoked, Potentials Program, Department of Neurosurgery, University of Cincinnati Medical Center, 231 Bethesda Avenue, Cincinnati, Ohio 45267

### TEACHING EXPERIENCE:

Kent State University, Kent, Ohio 44242. January 1976-June 1978. Consisted of teaching undergraduate aural rehabilitation class as part of service duties under teaching fellowship funding.

University of Cincinnati Medical Center, Cincinnati, Ohio 45267. July 1980-December 1987. Adjunct Assistant Professor of Neurology, Department of Neurology, U.C. Medical Center. Duties consist of training residents in auditory and vestibular system electrophysiology.

University of Cincinnati Medical Center, Cincinnati, Ohio 45267. January 1986-December 1987. Adjunct Assistant Professor of Neurosurgery, Department of Neurosurgery, U.C. Medical Center. Duties consist of training residents in auditory and vestibular system electrophysiology.

University of Cincinnati, Cincinnati, Ohio 45267. January 1983-December 1987. Adjunct Assistant Professor of Audiology, Department of Communication Disorders. Duties consist of teaching three credit courses in vestibulometry and advanced clinical evoked potentials on an annual basis.

Wayne State University, Detroit, MI, 48202. November, 1988-2002. Adjunct Associate Professor of Audiology, College of Medicine. Duties consist of teaching and supervision of Master's students in Audiology.

Central Michigan University, Mount Pleasant, MI, 48859. July 10, 2003 to date. Associate Graduate Faculty. Central Michigan University, College of Graduate Studies.

#### ACADEMIC COMMITTEES:

Doctoral dissertation co-chair: "The assessment of basal cochlea integrity with the Auditory Brainstem Response (ABR)."

---, University of Cincinnati, ---.

Doctoral dissertation principle advisor: "Backward masking; an analysis of age, frequency and interstimulus interval."

---, University of Cincinnati, ---.

Masters thesis co-chair: "The effects of aging on ear canal resonance." University of Cincinnati, ---, ---.

Masters thesis co-chair: "Auditory system tuning curves; a comparison of young and elderly subjects". University of Cincinnati, ---, ---

Masters thesis advisor: "The effects of Bell's phenomenon on the flash goggle evoked VEP." University of Cincinnati, ---, ---.

Masters thesis co-chair: "The reliability of components P6 and P7 of the Auditory Brainstem Response (ABR)." University of Cincinnati, ---, ---.

Masters thesis advisor: "Monaural loudness adaptation in normal and recruiting ears." ---, University of Cincinnati, ---.

Doctoral dissertation committee member: "Techniques for acquisition and analysis of magnetoencephalographic data." ---. Oakland University, Rochester, MI, ---.

Doctoral dissertation committee member: "Factors affecting the recordability of AER component Pb (P1)" ---, Vanderbilt University, ---.

Doctoral dissertation committee member: "An objective measure of temporal resolution in normal subjects using frequency modulated signals." ---, Ohio State University, ---.

#### VA COMMITTEES:

Automated Data Processing Committee, 1985-1988.  
Space Advisory Committee, 1985-1988.

#### LOCAL COMMITTEES:

Opinion Leaders Forum. Henry Ford Hospital, Detroit, Michigan, 1992-1996.

#### PROFESSIONAL COMMITTEES:

Member ASHA Task Force on Clinical Standards, 1991.  
Member ASHA Task Force on Health Care, 1991-present.  
Member ASHA Videotape Committee, 1991.  
Member ASHA Working Group, Electrodiagnostic Test Procedures and Neurophysiologic Intraoperative Monitoring, 1992.  
Member ASHA Ad Hoc Committee on Practice Management in Audiology, 1993  
Member ASHA Audiologic Assessment Panel, 1995-1996  
Member AuD National Standards Council, 1994-1995  
Member ASHA Council on Professional Standards 1996-1999 (Audiology Subcommittee Chair – 1997-1999)  
Convention Committee (Featured Sessions, Co-chair) 11th Annual Meeting of the American Academy of Audiology, April 28-May 2, 1999  
Member ASHA Publications Board, 2000-2003

#### PRESENTATIONS:

Jacobson, G.P. "Speech discrimination difficulty and the contingent negative variation." Paper presented at the 1978 convention of the American Speech-Language and Hearing Association, San Francisco, California.

Jacobson, G.P. "Auditory brainstem response: audiometric considerations." An invited paper presented at the Nicolet Biomedical Neurology Evoked Potentials Seminars, Cincinnati, Ohio December 9, 1982.

Jacobson, G.P. "Rate dependent ABR P5 latency changes in definite multiple sclerosis." Paper presented at the 1983 convention of the American Speech-Language and Hearing Association, Cincinnati, Ohio.

Jacobson, G.P. "The efficacy of a monothermal warm water caloric screening test." Paper presented at the 1983 convention of the American Speech-Language and Hearing Association, Cincinnati, Ohio.

Jacobson, G.P. "New techniques in neurosurgical monitoring." An invited paper presented at Hilton Head Island Neurosurgical Meeting, August 2, 1984.

Jacobson, G.P. "Neurodiagnostic techniques in audiology." A series of invited papers presented at the annual meeting of the North Dakota Speech and Hearing Association, Bismarck, North Dakota, October 11-October 12, 1984.

Jacobson, G.P. "The effects of aging on the auditory system." An invited paper presented at VA-RMEC sponsored program entitled Jacobson, G.P. "Normal and pathologic communication changes: a gerontologic perspective." Cincinnati VA Medical Center, March 8, 1985.

Jacobson, G.P. "Intraoperative monitors in neurosurgery - the challenge of facial nerve monitoring." An invited paper presented at the Fourth Annual Mayfield Lecture, University of Cincinnati, May 31, 1985.

Jacobson, G.P. "Intraoperative facial nerve monitoring." An invited paper presented at Mid Atlantic Regional Medical Education Center workshop entitled "Auditory evoked potentials." Cleveland, Ohio June 24-26, 1985.

Jacobson, G.P. "Somatosensory evoked potentials." An invited paper presented at Bio-logic Systems Corporation sponsored workshop entitled "Topographic brain mapping and evoked potential testing." San Francisco California September, 26-28, 1985.

Jacobson, G.P. "Somatosensory evoked potentials." An invited paper presented at Bio-logic Systems Corporation sponsored workshop entitled "Topographic brain mapping and evoked potential testing." Miami, Florida, March 6-8, 1986.

Jacobson, G.P. "Auditory Brainstem Response testing." A workshop presented to staff of the Audiology and Speech Pathology Service, VA Medical Center, Albuquerque, New Mexico, June 18-20, 1986.

Jacobson, G.P. "What's new in neurophysiological monitoring of spinal cord and brain function." An invited paper presented at Hilton Head Island Neurosurgical Meeting, July 31-August 2, 1986.

Jacobson, G.P. "Somatosensory evoked potentials" and "Topographic mapping of evoked potentials." Invited papers presented at Bio-logic Systems Corporation sponsored workshop entitled "Topographic brain mapping and evoked potential testing." Chicago, Illinois, August 21-23, 1986.

Jacobson, G.P. "Topographic mapping of evoked potentials, Auditory evoked potential testing, Somatosensory evoked potential testing, Visual evoked potential testing. Invited papers presented at Bio-logic Systems Corporation International Seminar entitled "Topographic brain mapping and evoked potential testing." Lisbon, Portugal, October 16-18, 1986.

Henry, K. and Jacobson, G.P. "Fixation suppression of caloric induced nystagmus in normal individuals." Poster session presented at the 1986 American Speech-Language and Hearing Association convention, Detroit, Michigan.

Smolak, L. Jacobson, G.P. and Kretschmer, L.K. "Psychophysical tuning curves in elderly subjects with sensorineural hearing loss." Paper presented at the 1986 American Speech-Language and Hearing Association Convention, Detroit, Michigan.

Weiler, E.M., Korman, M., Jacobson, G.P. and Gunn, W. "Monaural loudness adaptation in normal and recruiting ears." Paper presented at Proceedings of the Second Annual Meeting of the International Society for Psychophysics. Cassis, France, October 19-22, 1986.

Enzer, S., Jacobson, G.P. "The reliability of components P6 and P7 of the Auditory Brainstem Response (ABR)." A paper presented at the International Congress on Brainstem Auditory Evoked Potentials. New York, NY, October 20-22, 1986.

Jacobson, G.P. "Intraoperative monitoring of the spinal cord, cranial nerves, brainstem and brain." A series of invited lectures presented at a Bio-logic Systems Corporation sponsored workshop entitled "Topographic brain mapping - evoked potential testing, intra-operative monitoring, computerized EEG." San Diego, California, January 8-11, 1987.

Jacobson, G.P. "Evoked potential monitoring techniques for brain, brainstem, cranial nerve and spinal cord surgery" and "Background principles and applications of computerized EEG topography." Invited lectures presented at Speech and Hearing Association of Virginia. Richmond, Virginia, March 27-29, 1987.

Jacobson, G.P. "Computerized EEG topography." An invited lecture presented at Chicago Speech and Hearing Association. Chicago, Illinois, April 25, 1987.

Jacobson, G.P. "Electrodiagnostic techniques in Speech Pathology and Audiology." Sino/American Conference, Professional Seminar Consultants, July 28 - August 9, 1987.

Jacobson, G.P. "Computed topography of auditory evoked potentials." An invited paper presented at the X Biennial Symposium of the International Electric Response Audiometry Study Group (IERASG). Charlottesville, VA, August 24, 1987.

Jacobson, G.P. "Current status of auditory evoked potential standards and guidelines." Paper presented at the 1987 American Speech-Language and Hearing Association Convention, New Orleans, Louisiana, November, 1987.

Jacobson, G.P. "Somatosensory evoked potentials (update 1987)." Cincinnati Spine Symposium, Cincinnati, Ohio, November 13-14, 1987.

Jacobson, G.P. "Computerized evoked potential topography" and "Brain mapping, case studies in neurology." A series of invited lectures presented at Bio-logic Systems Corporation sponsored workshop entitled: "Topographic Brain Mapping." Fort Myers, Florida, January 21-23, 1988.

Jacobson, G.P. "EEG/EP topography - an introduction to brain mapping." An invited lecture presented to the Audiological Resource Association, Atlanta, GA, February 19, 1988.

Jacobson, G.P. "Computerized EEG and EP topography - an introduction to brain mapping." An invited lecture presented at Florida Language, Speech & Hearing Association meeting. Fort Lauderdale, Florida, May 5-8, 1988.

Jacobson, G.P. "An introduction to brainstem auditory evoked potentials (BAEP)." An invited lecture presented to Regional Kentucky Speech and Hearing Association (KSHA) Meeting, Highland Heights, KY, September 17, 1988.

Jacobson, G.P. "The effects of anterior temporal lobe resection on the MLAEP." A paper presented at the American Speech-Language Hearing Association Convention, Boston, MA, November, 1988.

Jacobson, G.P. "The scalp topography of MLAEP component Pa following monaural click stimulation." A paper presented at the American Speech-Language Hearing Association Convention, Boston, MA, November, 1988.

Jacobson, G.P. "An introduction to brainstem auditory evoked potentials (BAEP)." Invited lectures presented to the staff of the Audiology Service, VAMC, Minneapolis, MN, November 28, 29, 1988.

Jacobson, G.P. "Computerized auditory evoked potential topography." An invited lecture presented at the Second Annual Philadelphia AEP workshop, Philadelphia, PA, February 9-11, 1989.

Jacobson, G.P. "Computerized EEG and EP Topography-An introduction to brain mapping." An invited lecture presented at the Ohio Speech and Hearing Association, Dayton, Ohio, March 11, 1989.

Jacobson, G.P. and Newman, C.W. "The sensitivity and specificity of the head-shake test for detecting vestibular system abnormalities." A poster presented at the American Academy of Audiology, Kiawah Island, SC, April 21-24, 1989.

Jacobson, G.P. and Newman, C.W. "A global assessment of self-perceived dizziness handicap." A paper presented at the Academy of Rehabilitative Audiology, Austin, TX, June 11, 1989.

Jacobson, G.P. "Localization of sensorimotor cortex with SEP's, and, Preservation of cranial nerve VII and VIII during hemifacial spasm surgery." Invited Presentations at "Recent Trends in Electrophysiologic Assessment: Intraoperative Monitoring." University of Michigan, September 15-16, 1989.

Newman, C.W., Hug, G.A., Weinstein, B.E. and Jacobson, G.P. "The hearing handicap for adults: reliability and audiometric correlates." A paper presented at the American Speech-Language Hearing Association Convention, St. Louis, MO, November, 1989.

Hug, G.A., Newman, C.W., Jacobson, G.P. and Weinstein, B.E. "The HHIE-short form as an index of amplification benefit." A paper presented at the American Speech-Language Hearing Association Convention, St. Louis, MO, November, 1989.

Jacobson, G.P., and Newman, C.W. "Differentiating superficial and deep source contributions to the MLAEP." A paper presented at the American Speech-Language Hearing Association Convention, St. Louis, MO, November, 1989.

Jacobson, G.P. and Newman, C.W. "The decomposition of the middle latency auditory evoked potential (MLAEP) Pa component into superficial and deep source contributions: Results in normal subjects and patients with neurological disease." Poster presented at American Academy of Audiology meeting, New Orleans, LA, April, 1990.

Jacobson, G.P. "Intraoperative monitoring of VIIN and VIIIN function." A lecture presented at the American Academy of Audiology meeting. New Orleans, LA, April, 1990.

Newman, C.W., Jacobson, G.P., Hug, G.A. et al. Self-perceived hearing handicap in minimally-impaired young and elderly adults. Poster presented at American Academy of Audiology meeting, New Orleans, LA, April, 1990.

Newman, C.W., Hug, G.A., Jacobson, G.P., and Weinstein, B.E. Test-retest reliability of the Hearing Handicap Inventory for Adults. Paper presented at the American Speech-Language Hearing Association convention, Seattle, WA, November, 1990.

Jacobson, G.P., Newman, C.W., Hunter, L. and Balzer, G. Correlation between the Dizziness Handicap Inventory (DHI) and balance function tests. Paper presented at the American Speech Language Hearing Association convention, Seattle, WA, November 1990.

Jacobson, G.P. "Intra-operative changes: How much is too much?" American Society of Neurophysiological Monitoring, Minneapolis, MN, May 9, 1991.

Jacobson, G.P. Auditory evoked potentials (Auditory pathway monitoring). American Society of Neurophysiological Monitoring, Minneapolis, MN, May 10, 1991.

Jacobson, G.P. et al. A detailed analysis of auditory evoked cortical field (AECF) components M100 and M200 in normal subjects. Poster presented at the American Academy of Audiology meeting, Denver, CO, April 25-28, 1991.

Jacobson, G.P. et al. Auditory evoked cortical field (M100/M200) measurements in tinnitus groups. Poster presented at the American Academy of Audiology meeting, Denver, CO, April 25-28, 1991.



Newman, C.W. and Jacobson, G.P. The Dizziness Handicap Inventory: Psychometric adequacy and balance function test correlates. Poster presented at the American Academy of Audiology meeting, Denver, CO, April 25-28, 1991.

Wharton, J.A., Lombardi, D.M., Jacobson, G.P. and Newman, C.W. Improving the detectability of P1 using a silver cloth ear canal electrode. Poster presented at the American Academy of Audiology meeting, Denver, CO, April 25-28, 1991.

Moran, J.E., Jacobson, G.P. and Tepley, N. Field change mapping. 8<sup>th</sup> International Conference on Biomagnetism, Muenster, Germany, August 18-24, 1991.

Jacobson, G.P., Ahmad, B.K., Moran, J., Newman, C.W., Wharton, J. and Tepley, N. Auditory evoked magnetic field (M100/M200) measurements in tinnitus and normal groups. 8<sup>th</sup> International Conference on Biomagnetism, Muenster, Germany, August 18-24, 1991.

Jacobson, G.P., Ahmad, B.K., Moran, J., Newman, C.W., Wharton, J., and Tepley, N. Auditory evoked magnetic field (M100/M200) measurements in tinnitus and normal groups. TINNITUS 91, Bordeaux, France, August 27-30, 1991.

Jacobson, G.P., Lombardi, D.M., Gibbens, N.D., and Ahmad, B.K., Newman, C.W. "The effect of stimulus frequency on the amplitude and latency of CAEP component N1." Poster presented at the American Academy of Audiology, Nashville, TN, April 9-12, 1992.

Newman, C.W., Wharton, J.A. and Jacobson, G.P. "Psychoacoustic and speech understanding correlates of tinnitus handicap." Poster presented at the American Academy of Audiology, Nashville, TN, April 9-12, 1992.

Jacobson, G.P. "Assessment of Balance Disorders" Session moderator. American Academy of Audiology, Nashville, TN, April 9-12, 1992.

Newman, C.W. and Jacobson, G.P. "The development and usefulness of a measure of self-perceived balance handicap: The Dizziness Handicap Inventory-DHI." Paper presented at the American Academy of Audiology, Nashville, TN, April 9-12, 1992.

Jacobson, G.P. Balance Function Testing. Short course presented at the Annual American Speech-Language Hearing Association meeting, San Antonio, TX, November 16, 1992.

Jacobson, G.P. Contemporary Issues in Balance Function Testing. Invited lecture presented to the Department of Otolaryngology-HNS, University of Texas, Hermann Hospital, Houston, TX, November 17, 1992.

Jacobson, G.P. Tinnitus. Invited one-day seminar presented to the Canadian Hearing Society. Sarnia, Ontario, May 26, 1993

Burtka, M.J., Jacobson, G.P. and Seidman, M. Tinnitus: myth versus truth. Miniseminar presented at 8th international SHHH convention, San Diego, CA, June 10-14, 1993.

Jacobson, G.P., Ramadan, N.M., Aggarwal, S. and Newman, C.W. The development of the Headache Disability Inventory (HDI). International Headache Congress, Paris, France, August 26-29, 1993.

Newman, C.W, Jacobson, G.P., Weinstein, B.E. Developing hearing handicap profiles: Application of macro statements. Poster presented at the Annual American Speech-Language Hearing Association meeting, Anaheim, CA, November, 1993.

Monnell, E.M., Bone, H.G., Cody, D.D., Jacobson, G.P., and Newman, C.W. Hearing loss in Paget's disease of the bone: The relationship between pure tone thresholds and cochlear capsule density. Association for Research in Otolaryngology, February 6-10, 1994.

Jacobson, G.P. "Current concepts in the evaluation and management of patients with tinnitus". Invited speaker, Missouri Speech-Language-Hearing Association, March 4, 1994.

Jacobson, G.P. "Background and usefulness of balance function testing in clinical audiology." Invited speaker, Missouri Speech-Language-Hearing Association, March 4, 1994.

Jacobson, G.P. "Current concepts in the evaluation and management of patients with tinnitus." Invited speaker, Kentucky Speech-Language-Hearing Association Meeting, March 11, 1994.

Jacobson, G.P. "Advanced (exogenous and endogenous) evoked potential techniques and possible future uses in audiology." Invited speaker, Kentucky Speech-Language-Hearing Association Meeting, March 11, 1994.

Monnell, E.M., Bone, H.G., Cody, D.D., Jacobson, G.P., Newman, C.W. and Patel, S. Hearing loss in Paget's disease of bone: Auditory nerve compression is not a primary mechanism. American Otology Society Meeting, Palm Beach, FL, May 7-8, 1994.

Jacobson, G.P. "Basic principles in neurophysiologic monitoring." Invited speaker, Michigan Ear Institute, Intraoperative facial nerve monitoring hands-on workshop. April 8-9, 1994.

Newman C.W., Wharton, J., Jacobson, G.P. Test-retest reliability of the Tinnitus Handicap Questionnaire. Poster presented at the 6th Annual American Academy of Audiology Meeting, Richmond, VA, April 28-May 1, 1994.

Jacobson, G.P., Newman, C.W., Seidman, M., Butcher J. Current concepts in the managements of patients with tinnitus. Instructional Course presented at the 6th Annual American Academy of Audiology Meeting, Richmond, VA, April 28-May 1, 1994.

Jacobson, G.P., Kraus, N. Long latency exogenous and endogenous evoked potentials: Background, recording techniques, and possible future uses in audiology. Invited short course presented at the 6th Annual American Academy of Audiology Meeting, Richmond, VA, April 28-May 1, 1994.

Ahmad, B.K., Szkiladz, E., Roth, H., Easton, R., Jacobson, G. Individual nerve root current threshold measurement during pedicle screw placement. Poster presented at the Vth American Society of Neurophysiological Monitoring meeting, Chicago, IL, May 5-7, 1994.

White, D.W., Newman, C.W., Jacobson, G.P. Relationships among disability formulas, AI and self-perceived hearing handicap. Presentation at 1994 ASHA convention.

Jacobson, G.P. Middle latency response: Current concepts and applications. Invited presentation, ASHA sponsored meeting entitled, "Integrating Physiologic Auditory Measures" August 11-13, 1994, Ann Arbor, Michigan.

Jacobson, G.P. Late and cognitive auditory potentials. Invited presentation, ASHA sponsored meeting entitled, "Integrating Physiologic Auditory Measures" August 11-13, 1994, Ann Arbor, Michigan.

Lundy, L.B., Jacobson, G.P. Facial nerve monitoring principles and practical applications. Annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, San Diego, CA, September 18-21, 1994.

Jacobson, G.P. Current concepts in the evaluation and management of tinnitus. Annual American Academy of Audiology Meeting, Dallas, TX, March 30-April 2, 1995.

Jacobson, G.P. Recent trends in clinical auditory neurodiagnostic measures. Present and future usefulness of AEP components  $>50$  msec  $< 200$  msec. Participant in short course, Annual American Academy of Audiology Meeting, Dallas, TX, March 30-April 2, 1995.

Jacobson, G.P. Applications of neurophysiological monitoring techniques in orthopedic, otolaryngologic and neurological surgery. Invited related professional organization (RPO) presentation (sponsored by American Society of Neurophysiological Monitoring-ASNM) Annual American Academy of Audiology Meeting, Dallas, TX, March 30-April 2, 1995.

Jacobson, G.P. Neurophysiological monitoring: Background and applications. Invited presentation for the New York State Speech- Language-Hearing Association, New York, NY, April 27-30, 1995.

Calder, J.H., Jacobson, G.P. Evaluation and management of patients with balance disorders. Invited presentation for the New York State Speech- Language-Hearing Association, New York, NY, April 27-30, 1995.

Newman, C.W., Jacobson, G.P., Spitzer, J. The development of the Tinnitus Handicap Inventory. Paper presented at the Fifth International Tinnitus Seminar, Portland, Oregon, July 12-15, 1995.

Jacobson, G.P., Calder, J., Newman, C.W., Wharton, J.A., Ahmad, B.K. Auditory selective attention in normals in tinnitus subjects. Paper presented at the Fifth International Tinnitus Seminar, Portland, Oregon, July 12-15, 1995.

Lundy, L.B., Jacobson, G.P. Facial nerve monitoring principles and practical applications. Annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, New Orleans, LA, September 17-20, 1995.

Jacobson, G.P., Calder, J., Newman, C.W., Wharton, J.A., Ahmad, B.K. Electrophysiological indices of selective auditory attention in patients with tinnitus. Paper presented at the American Speech-Language Hearing Association meeting, Orlando, FL, December 6-10, 1995.

Jacobson, G.P., Fitzgerald, M. The gamma band auditory evoked potential (GBP) in normal subjects. Paper presented at the American Speech-Language Hearing Association meeting, Orlando, FL, December 6-10, 1995.

Jacobson, G.P., Calder, J., Newman, C.W., Wharton, J.A., Ahmad, B.K. Electrophysiological indices of selective auditory attention in patients with tinnitus. Poster presented at Nineteenth Annual Midwinter Research Meeting of the ARO. St. Petersburg, FL, February 4-8, 1996.

Fitzgerald, M., Jacobson, G.P. The gamma band auditory evoked potential (GBP) in normal subjects. Poster presented at Nineteenth Annual Midwinter Research Meeting of the ARO. St. Petersburg, FL, February 4-8, 1996.

Moed, B.R., Anders, M.J., Ahmad, B.K., Craig, J., Jacobson, G.P. Intraoperative stimulus-evoked EMG monitoring for placement of iliosacral screws: An animal model and initial clinical results. Paper presented at the American Academy of Orthopaedic Surgeons meeting, 1997.

Calder, J.H., Jacobson, G.P., Prepetit, N. Balance function test correlates of the DHI and DHI-S. Paper presented at the American Speech-Language Hearing Association meeting, Seattle, WA, November 21-24, 1996.

Jacobson G.P., Johnson, A., Jacobson, B.H. Surviving managed care: Strategies for speech-language pathology and audiology. Short course presented at the American Speech-Language Hearing Association meeting, Seattle, WA, November 21-24, 1996.

Jacobson, G.P., Smith, B.J., Elisevich, K.V., Henderson, J. High resolution recording of late surface potentials N1 and gamma band response-GBR. Poster presented at the 20th Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, Feb. 1-6, 1997.

Jacobson, G.P., Henderson, J. Consistency in psychophysical judgements of "imagined tinnitus" in a sample of normal subjects. Paper presented at the 13th annual meeting of the Michigan Oto-Laryngological Society, Thompsonville, MI, June 27,28, 1997.

Jacobson, G.P., McCaslin, D. Test-retest reliability and short term habituation of N1 and the gamma band response. Poster presented at the 21st Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, Feb. 15-20, 1998.

Anders, M.J., Ahmad, B.K., Craig, J.G., Jacobson, G.P. Intraoperative stimulus-evoked EMG monitoring for safe placement of ilioscral screws: An animal model and initial clinical results. Paper presented at the 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 1998.

Tucker, D.A, Ruth R.A., Martin, W.H., Dietrich, S., Jacobson, G.P. Auditory evoked responses in the 21st century. Presentation at the American Academy of Audiology, 10th annual convention. Los Angeles, CA. April 2-5, 1998.

Jacobson, G.P. Long latency exogenous and endogenous auditory evoked potentials: Light's on...someone's home. Invited presentation for the Minnesota Speech-Language Hearing Association annual meeting, Mankato, MN, April 17, 1998.

Jacobson, G.P. Tinnitus: Origins, Management and Medical-Legal Implications. Invited presentation for the Missouri Academy of Audiology, St. Louis, MO, September 19, 1998.

Jacobson, G.P. Tinnitus: Origins, Management and Medical-Legal Implications. Invited presentation for the Midwest Audiology Conference. Livonia, MI, September 26, 1998.

Mishler T, Jacobson G, Dennis M, Martin WH. Concepts in Neuro-monitoring: The new millenium. Featured session presented to the American Academy of Audiology 11th Annual Convention, Miami Beach, FL, April 28, 1999.

Jacobson, G.P. Exogenous and endogenous evoked potentials. Visiting Professor, Ohio State University, Columbus, Ohio, May 17-25, 1999.

Jacobson, G.P. Site of lesion testing/ABR in neurodiagnosis. Invited speaker, Buffalo OAE/ABR hands-on workshop. Buffalo, NY, September 17-18, 1999.

Jacobson, G.P., Henderson, J.A., McCaslin, D.L. Tinnitus reliability testing in tinnitus patients and others feigning tinnitus. Poster presented at the American Speech-Language Hearing Association meeting, San Francisco, CA, November 18-21, 1999.

Jacobson, G.P., Fabry, D.A., Newman, C.W. Hot topics in AJA: Three-clinic hearing aid selection profile (HASP). Session presented at the American Speech-Language Hearing Association meeting, San Francisco, CA, November 18-21, 1999.

Jacobson, G.P., Newman, C.W., Fabry, D.A., Sandridge, S Development of the 3-clinic Hearing Aid Selection Profile (HASP). Poster presented at the 23<sup>rd</sup> Midwinter Meeting of the Association of Research in Otolaryngology (ARO), St. Petersburg Beach, Florida, February 20-24, 2000.

McCaslin, D, Feth L., Mishler P. An objective measure of temporal resolution in normal hearing subjects using FM signals. Poster presented at the 23<sup>rd</sup> Midwinter Meeting of the Association of Research in Otolaryngology (ARO), St. Petersburg Beach, Florida, February 20-24, 2000.

Calder, J., Jacobson, G. Self-perceived balance handicap in patients with unilateral and bilateral peripheral vestibular system dysfunction. Poster presented at the 23<sup>rd</sup> Midwinter Meeting of the Association of Research in Otolaryngology (ARO), St. Petersburg Beach, Florida, February 20-24, 2000.

Jacobson, G.P., Newman, C.W., Fabry D.A. The development of the 3-clinic Hearing Aid Selection Profile (HASP). Instructional course presented at the 12<sup>th</sup> annual convention of the American Academy of Audiology, March 16-19, 2000.

Calder, J.H., Jacobson, Ph.D. Ototoxicity and acquired bilateral vestibular paresis. Instructional course presented at the 12<sup>th</sup> annual convention of the American Academy of Audiology, March 16-19, 2000.

Jacobson, G.P., Martin, W.H., Sammeth, C. Tinnitus and hyperacusis patients: Who are they and what can we do for them? American Speech-Language-Hearing Association telephone seminar. June 6, 2000.

Jacobson, G.P. et al. Grand Rounds: Innovative physiological assessment measures. Session presented at the Annual Convention of the American Speech-Language Hearing Association, Washington, D.C., November 16-19, 2000.

Jacobson, G.P. et al. Professional governance issues in audiology. Session presented at the Annual Convention of the American Speech-Language Hearing Association, Washington, D.C., November 16-19, 2000.

Jacobson, G.P. and McCaslin, D.L. Preliminary observations of the effects of stimulus frequency on vestibular motor evoked potential latency and amplitude. Poster presented at the 24th Midwinter Meeting of the Association for Research in Otolaryngology (ARO), St. Petersburg Beach, Florida, February 4-8, 2001.

Jacobson, G.P. Tinnitus: Assessment and non-medical management. Invited presentation at the Wisconsin Speech-Language Hearing Association, Madison, WI April 7, 2001.

Jacobson, G.P., McCaslin, D.L. Assessing the risk of falls in the elderly. Instructional Course presented at the American Academy of Audiology meeting, San Diego, CA, April 19-22, 2001.

Jacobson, G.P., McCaslin, D.L. Development of a risk of falls assessment clinic. Instructional Course presented at the American Speech-Language Hearing Association meeting, New Orleans, LA, November 15-18, 2001.

Barr, R.H., Humes, L., Jacobson, G.P., Robin, D., Ronski, M., Stathopoulos, E., Weismer, S.E. Publishing in ASHA scholarly journals: Partnerships between authors and editors. Instructional course presented at the American Speech-Language Hearing Association meeting, New Orleans, LA, November 15-18, 2001.

Jacobson, G.P. Positional testing; Quantitative assessment of vestibular system function; Assessment of self-perceived dizziness handicap, Assessment of risk of falls in the elderly; Case study: Risk of falls in the elderly. Invited lectures presented at the 3rd Biennial Barrow Neurological Institute meeting, January 17-18, 2002.

Jacobson, G.P., McCaslin, D.L. Self-perceived handicap correlates of “compensated” and “uncompensated” unilateral peripheral vestibular system disease. Poster presented at the 25th Midwinter Meeting of the Association for Research in Otolaryngology (ARO), St. Petersburg Beach, Florida, January 26-31, 2002.

Newman, C.W., Sandridge, S.A., Jacobson, G.P. Yes, your computer can do more than fit hearing aids. Instructional Course presented at the American Academy of Audiology meeting, Philadelphia, PA, April 17-20, 2002.

Hall, J.W., Bauch, C.W., Hood, L.J., Jacobson, G.P., Sandridge, S.A., Zapala, D.A. Adult diagnostic grand rounds. Instructional Course presented at the American Academy of Audiology meeting, Philadelphia, PA, April 17-20, 2002.

Gans, R.E., Jacobson, G.P. Vestibular grand rounds: Diagnostic and treatment changes. Invited pre-convention workshop presented at the American Academy of Audiology meeting, Philadelphia, PA, April 17-20, 2002.

Jacobson, G.P., McCaslin, D.L. Risk of falls assessment: Clinic development and patient profiles. Instructional Course presented at the American Academy of Audiology meeting, Philadelphia, PA, April 17-20, 2002.

Sweetow, R.W., Henry, J.A., Jacobson, G.P., Newman, C.W., Centore, L.S. Tinnitus Measurement: A critical analysis. Featured Session presented at the American Academy of Audiology meeting, San Antonio, TX April 3-6, 2003.

Gans, R.E., Jacobson, G.P. Vestibular assessment: New trends and findings. Featured Session presented at the American Academy of Audiology meeting, San Antonio, TX April 3-6, 2003.

Jacobson, G.P. "Development of a Risk of Falls Assessment Clinic: 'Looking Back at the Distance Traveled'" Keynote Speaker, Ethel Martus Lawther Lecturer, University of North Carolina, Greensboro, November 6, 2003.

Jacobson, G.P., Cacace, A. ATA Web Chat, January 28, 2004.

Jacobson, G.P. Assessment of falls risk in a cohort of elderly patients. 2004 meeting of the American Auditory Society, Scottsdale, AZ, March 7-9, 2004.

Jacobson, G.P., and McCaslin, D.L. The assessment of falls risk in the elderly. Featured Session, 2004 Convention and Expo of the American Academy of Audiology, Salt Lake City, UT, March 31-April 3, 2004.

Cevette, M. J., Jacobson, G.P., Kileny, P.R., Spitzer, J. B., Tucker, D. A. Adult diagnostic audiology grand rounds. Featured Session, 2004 Convention and Expo of the American Academy of Audiology, Salt Lake City, UT, March 31-April 3, 2004.

Jacobson, G.P. Development of a risk of falls clinic: The distance traveled. Invited session, Tennessee Speech Language Hearing Association, Tennessee Academy of Audiology 2004 meeting Chattanooga Marriott at the Chattanooga Convention Center, October 20-22, 2004.

Jacobson, G.P. Clinical curriculum: Breadth and Depth; Students. An invited presentation at the Audiology Education Summit: A Collaborative Approach meeting, January 14-16, 2005, Ft. Lauderdale, FL.

Jacobson, G.P. The many phases of vestibular compensation. Invited session presented at the National Association of Future Doctors of Audiology Convention, Washington, D.C., March 30, 2005.

Jacobson, G.P. Grand rounds in balance function testing. Featured session presented at the 17<sup>th</sup> Annual Convention and Expo of the American Academy of Audiology, Washington, D.C., March 30-April 2, 2005.

#### RESEARCH STUDIES (Unpublished):

---. (unpublished)

#### PUBLICATIONS - Papers (Published in review or in preparation):



**Jacobson, G.P.** and Shadowens, M. Noise analysis of a beginning wood technology laboratory. Journal of Industrial Teacher Education, 15: 19-25 (1977).

Boller, F. and **Jacobson, G.P.** Brainstem auditory evoked potentials and computerized axial tomography in a case of unilateral traumatic pontine damage. Archives of Neurology, 37: 278-281 (1980).

**Jacobson, G.P.** and Gans, D.P. The contingent negative variation as an indicator of speech discrimination difficulty. Journal of Speech and Hearing Research, 24: 345-350 (1981).

**Jacobson, G.P.** and Gans, D.P. An electrophysiological correlate of phonemic discrimination. Audiology, 20: 480-487 (1981).

Pinheiro, M., **Jacobson, G.P.** and Boller, F. Auditory dysfunction following a gunshot wound of the pons. Journal of Speech and Hearing Disorders, 47: 296-300 (1982).

**Jacobson, G.P.** and Gans, D.P. Endogenous event-related potential correlates of phonemic discrimination. Folia Phoniatica, 34: 82-87 (1982).

**Jacobson, G.P.** and Yeh, H.S. The auditory brainstem response in surgical monitoring: the pathological significance of a reduced P1-P5 interwave interval. Clinical Electroencephalography, 16: 83-87 (1985).

**Jacobson, G.P.** and Means, E.D. Efficacy of a monothermal warm water caloric screening test. Annals of Otology Rhinology and Laryngology 94: 377-381 (1985).

**Jacobson, G.P.**, Means, E.D., and Jalbut, S.D. Delay in the absolute latency of Auditory Brainstem Response (ABR) component P1 in acute inflammatory demyelinating disease. Scandinavian Audiology, 15: 121-124 (1986).

**Jacobson, G.P.**, and Tew, J.M. Intraoperative evoked potential monitoring. J. Clin. Neurophysiol., 4: 145-176 (1987).

**Jacobson, G.P.** and Grayson, A.S. The normal scalp topography of the middle latency auditory evoked potential Pa component following monaural click stimulation. Brain Topography, 1: 29-36 (1988).

**Jacobson, G.P.** and Tew, J.M. The origins of the P14 component of the SEP following median nerve stimulation: Intraoperative observations. Electroencephalography and Clinical Neurophysiology, 71: 73-76 (1988).

**Jacobson, G.P.** and Newman, C.W. The absence of rate dependent BAEP P5 latency changes of patients with multiple sclerosis: possible physiological mechanisms. Electroencephalography and Clinical Neurophysiology, 74: 19-23 (1989).

**Jacobson, G.P.** and Steg, R. Effects of age on the P22 component of the posterior tibial nerve SEP. Stereotactic and Functional Neurosurgery, 53: 141-148 (1989).

**Jacobson, G.P.** and Henry, K.G. The effect of caloric temperature on fixation suppression ability in normal subjects: the need for temperature and age dependent normal values. Annals of Otology, Rhinology and Laryngology, 98: 369-372 (1989).

Neils, J.M., **Jacobson, G.P.** and Privitera, M. Computerized EEG topography and recovery from stroke. Aphasiology, 3: 539-55 (1989).

**Jacobson, G.P.**, Privitera, M., Neils, J.M., Yeh, H-S. The effects of anterior temporal lobectomy (ATL) on the middle latency auditory evoked potential (MLAEP). Electroencephalography and Clinical Neurophysiology, 75: 230-241 (1990).

**Jacobson, G.P.** and Newman, C.W. The sensitivity and specificity of the head-shaking test for detecting vestibular system abnormalities. Annals of Otology, Rhinology and Laryngology, 99: 539-542 (1990).

**Jacobson, G.P.** and Newman, C.W. The development of the Dizziness Handicap Inventory (DHI). Archives of Otolaryngology-Head and Neck Surgery, 116: 424-427 (1990).

Jacobson, J.T. and **Jacobson, G.P.** Auditory brainstem responses in multiple sclerosis. Seminars in Hearing, 11: 248-264 (1990).

**Jacobson, G.P.** and Newman, C.W. Decomposition of the middle latency auditory evoked potential into superficial and deep source contributions. Brain Topography, 2: 229-236 (1990).

Newman, C.W., Weinstein, B.E., **Jacobson, G.P.**, and Hug, G.A. The hearing handicap inventory for adults: psychometric adequacy and audiometric correlates. Ear and Hearing, 11: 430-433 (1990).

**Jacobson, G.P.**, Burtka, M.J., Wharton, J.A., Newman, C.W., Shepard, N.T. and Turner, R.G. Infant hearing screening 1983-1989: The Henry Ford Hospital experience. Henry Ford Hospital Medical Journal, 38: 39-43 (1990).

Newman, C.W., **Jacobson, G.P.**, Hug, G.A., Weinstein, B.E. and Malinoff. Practical method for quantifying hearing aid benefit in older adults. Journal of the American Academy of Audiology, 2: 70-75 (1991).

**Jacobson, G.P.**, Newman, C.W., Privitera, M. and Grayson, A.S. Differences in superficial and deep source contributions to middle latency auditory evoked potential Pa component in normal subjects and patients with neurological disease. Journal of the American Academy of Audiology, 2: 7-17 (1991).

**Jacobson, G.P.**, Newman, C.W., Hunter, L. and Balzer, G. Balance function test correlates of the Dizziness Handicap Inventory. Journal of the American Academy of Audiology, 2: 253-260 (1991).

Newman, C.W., **Jacobson, G.P.**, Weinstein, B.E. and Hug, G.A. Test-retest reliability of the hearing handicap inventory for adults. Ear and Hearing, 12: 355-357 (1991).

**Jacobson, G.P.**, and Newman, C.W. Rotational Testing, Seminars in Hearing. 12: 199-225 (1991).

**Jacobson, G.P.**, Ahmad, B.K., Moran, J., Newman, C.W., Tepley, N. and Wharton, J. Auditory evoked cortical field M100/M200 measurements in tinnitus and non-tinnitus groups. Hearing Research, 56: 44-52 (1991).

**Jacobson, G.P.**, Moran, J., Ahmad, B.K., Newman, C.W., Tepley, N. and Wharton, J. A detailed analysis of auditory evoked cortical field (AECF) components in N1m and P2m in a sample of normal subjects. Ear and Hearing, 13: 387-395, (1992).

**Jacobson, G.P.**, Lombardi, D.M., Gibbens, N.D., Ahmad, B.K., and Newman, C.W. The effects of stimulus frequency and recording site on the amplitude and latency of multichannel cortical auditory evoked potential (CAEP) component N1. Ear and Hearing, 13: 300-306, (1992).

Moran, J.E., Tepley, N., **Jacobson, G.P.**, and Barkley, G. Evidence for multiple generators in evoked responses using finite difference field mapping: auditory evoked fields. Brain Topography, 5: 229-240, (1993).

**Jacobson, G.P.**, Tepley, N., Peterson, E.L., Newman, C.W., Ahmad, B.K., Kanna, I., Moran, J., and Wharton, J. A re-examination of gender differences in the source location of N1m. Journal of the American Academy of Audiology, 4: 69-76 (1993).

Cobb, F.E., **Jacobson, G.P.**, Newman, C.W., Kretchmer, L.W., Donnelly, K.A. Age-associated degeneration of backward masking task performance: Evidence of declining temporal resolution abilities in normal listeners. Audiology, 32: 260-271, (1993).

**Jacobson, G.P.**, Newman, C.W., Monsell, E., Wharton, J.A. False negative auditory brainstem response findings in vestibular schwannoma (acoustic neuroma). Journal of the American Academy of Audiology, 4: 355-359, (1993).

Newman, C.W. and **Jacobson, G.P.** Application of self-report scales in balance function testing, handicap assessment and management. Seminars in Hearing, 14: 363-376, (1993).

Newman, C.W. and **Jacobson, G.P.** (Editors) Self-assessment Scales in Audiology. Seminars in Hearing, 14: 1993.

Newman, C.W., Wharton, J.A., Shivapuja, B.G., **Jacobson, G.P.** Relationships among psychoacoustic judgments, speech understanding ability and self-perceived handicap in tinnitus subjects. Audiology, 33: 47-60, (1994).

Newman, C.W. Hug, G.A., Wharton, J.A. and **Jacobson, G.P.** The influence of hearing aid cost on perceived benefit in older adults. Ear and Hearing, 14: 285-289,(1994).

**Jacobson, G.P.**, Ramadan, N., Aggarwal, S., Newman, C.W. The development of the Henry Ford Hospital-Headache Disability Inventory (HDI). Neurology, 44: 837-842, (1994).

**Jacobson, G.P.** Magnetoencephalographic investigations of auditory system function. Journal of Clinical Neurophysiology, 11: 343-364, (1994).

Monsell, E.M, Cody, D.D., Bone, H.G., Divine, G.W., Windham, J.P., **Jacobson, G.P.**, Newman, C.W., Patel, S.C. Hearing loss in Paget's disease of bone: The relationship between pure tone thresholds and mineral density of the cochlear capsule. Hearing Research, 83: 114-120, (1995).

Monsell, E.M., Bone, H.G., Cody, D.D., **Jacobson, G.P.**, Newman, C.W., Patel, S.C., Divine, G.W. Hearing loss in Paget's Disease of bone: Evidence of auditory nerve integrity. Am J Otol, 16: 27-33, (1995).

**Jacobson, G.P.**, Butcher, J.A., Newman, C.W., Monsell, E.M. When benign paroxysmal positioning vertigo isn't benign. Journal of the American Academy of Audiology, 6: 346-349, (1995).

Newman, C.W., Wharton, J.A., **Jacobson, G.P.** Retest stability of the Tinnitus Handicap Questionnaire. Ann Otol Rhinol Laryngol, 104: 718-723, (1995).

**Jacobson, G.P.**, Ramadan, N.M., Norris, L., Newman, C.W. The Henry Ford Hospital Headache Disability Inventory: Short-term test-retest reliability and spouse perceptions. Headache, 35: 534-539, (1995).

**Jacobson, G.P.**, Rupp, K., English, S., Newman, C.W. A reappraisal of the monothermal warm caloric screening test. Annals Otol Rhinol Laryngol, 104: 942-945, (1995).

Newman, C.W., **Jacobson, G.P.**, Spitzer, J. Development of the Tinnitus Handicap Inventory. Archives of Otolaryngology-Head and Neck Surgery, 122: 143-148, (1996).

**Jacobson, G.P.**, Calder, J., Newman, C.W., Wharton, J., Ahmad, B.K. Electrophysiological indices of auditory selective attention in patients with and without tinnitus. Hearing Research, 97: 66-74, (1996).

**Jacobson, G.** Pattern-reversal VEP [Editorial]. Cephalalgia, 16 (2), 78, (1996)

Nelson M.D., Hall J.W., **Jacobson, G.P.** Factors affecting the recordability of auditory evoked response (AER) component Pb (P1). Journal of the American Academy of Audiology, 8: 89-99, (1997).

**Jacobson, G.P.**, Fitzgerald, M. The auditory evoked gamma band potential (aeGBP) in normal subjects. Journal of the American Academy of Audiology, 8:44-52 (1997).

Newman, C.W., **Jacobson, G.P.**, Weinstein, B.E., Sandridge, S.A. Computer-generated hearing disability/handicap profiles. American Journal of Audiology, 6: 17-21 (1997).

Newman, C.W., Wharton, J., **Jacobson, G.P.** Self-focused and somatic attention in patients with tinnitus. Journal of the American Academy of Audiology, 8: 143-149 (1997).

Newman, C.W., **Jacobson, G.P.**, Hug, G.A., Sandridge, S.A. Perceived hearing handicap by patients with unilateral or mild hearing loss. Ann Otol Rhinol Laryngol, 106: 210-214 (1997).

Jacobson, B.H., Johnson, A., Silbergleit, A.K., **Jacobson G.P.**, Benninger M.S., Newman, C.W. The development of the Voice Handicap Inventory (VHI). American Journal of Speech-Language Pathology, American Journal of Speech-Language Pathology 6: 66-70, (1997).

Moed, B.R., Anders, M.J., Ahmad, B.K., Craig, J., **Jacobson, G.P.** Intraoperative stimulus-evoked electromyographic monitoring for placement of iliosacral implants: An animal model. Journal of Orthopaedic Trauma 12: 85-89 (1998).

**Jacobson, G.P.**, Henderson, J., Smith, B.J., Elisevich, K.V. High resolution recording of late cortical surface potentials N1 and gamma band response in man. Journal of the American Academy of Audiology. 9: 87-94, (1998).

Newman, C.W., Sandridge, S.A., **Jacobson, G.P.** Psychometric adequacy of the tinnitus handicap inventory (THI) for evaluating treatment outcome. Journal of the American Academy of Audiology. 9: 153-160, (1998).

Moed, B.R., Ahmad, B.K., Craig, J.G., **Jacobson, G.P.**, Anders, M.J. Intraoperative monitoring with stimulus-evoked electromyography during placement of iliosacral screws: An initial clinical study. The Journal of Bone and Joint Surgery 80-A, 537-546 (1998).

**Jacobson, G.P.**, Pearlstein R., Henderson, J., Calder, J.H., Rock, J. Recovery nystagmus revisited. Journal of the American Academy of Audiology. 9: 263-271, (1998).

**Jacobson, G.P.,** Calder, J.H. A screening version of the Dizziness Handicap Inventory (DHI-S). American Journal of Otology. 19: 804-808 (1998).

**Jacobson, G.P.,** McCaslin D.M., Smith, B., Elisevich, K., Mishler, P. Test-retest reliability and short-term habituation of the N1 and gamma band response (GBR). Journal of the American Academy of Audiology 10: 211-218, (1999).

**Jacobson, G.P.,** Calder J.H. Self-perceived balanced disability/handicap in the presence of bilateral peripheral vestibular system impairment. Journal of the American Academy of Audiology. 11: 76-83, 2000.

**Jacobson, G.P.,** Henderson, J.A., McCaslin, D.L. A re-evaluation of tinnitus reliability testing. Journal of the American Academy of Audiology. 11: 156-161, 2000.

Calder, J.H., **Jacobson, G.P.** Acquired bilateral peripheral vestibular system impairment. Journal of the American Academy of Audiology. 11: 514-521, 2000.

Kileny, P.R., **Jacobson, G.P.** Comment: The New York State Project. Ear and Hearing, 21:640-641, 2000

**Jacobson, G.P.** Exogenous and endogenous auditory brain events occurring between 50-200 ms. In, Kileny, P. (Ed) Seminars in Hearing, 20: 63-75, 2000.

**Jacobson, G.P.,** Newman, C.W., Fabry, D., Sandridge, S.A. Development of the 3-Clinic Hearing Aid Selection Profile (HASP). Journal of the American Academy of Audiology, 12: 128-141, 2001.

**Jacobson G.P.,** McCaslin, D.L. A search for evidence of a direct relationship between tinnitus and suicide. Journal of the American Academy of Audiology, 12: 493-496, 2001.

Newman C.W., Sandridge S.A., **Jacobson, G.P.,** Spitzer, J. B. The authors respond [Response to Baguley re: Tinnitus Handicap Inventory] Journal of the American Academy of Audiology, 12: 379-380, 2001.

**Jacobson, G.P.** Development of a clinic for the assessment of risk of falls in elderly patients. Seminars in Hearing, 23, (2), 2002.

Estes RI, Jerger J, **Jacobson G.** Reversal of hemispheric asymmetry on auditory tasks in children who are poor listeners. Journal of the American Academy of Audiology, 13: 59-71, 2002.

**Jacobson, G.P.,** McCaslin, D.L. Response to Lewis Re: A search for evidence of a direct relationship between tinnitus and suicide. Journal of the American Academy of Audiology, 13: 339-341, 2002.

McCaslin D.L., Feth L.L. **Jacobson G.P.**, and Mishler P.J. An electrophysiological measure of temporal resolution in normal subjects using frequency modulated signals. American Journal of Audiology, 11: 1-8, 2002.

**Jacobson G.P.**, McCaslin, D.L. Agreement between functional and physiological indices of unilateral peripheral vestibular system impairment. Journal of the American Academy of Audiology, 14: 231-238, 2003.

**Jacobson, G. P.**, McCaslin, D.L. A reexamination of the long latency N1 response in patients with tinnitus. Journal of the American Academy of Audiology, 14: 393-400, 2003.

**Jacobson G.P.**, McCaslin, D.L. The detection of retinal deficits through indirect measurement of the corneoretinal potential. Journal of the American Academy of Audiology, 15: 258-263, 2004.

**Jacobson, G.P.**, McCaslin, D.L., Ramadan, N. Patel, S. Barin, K. Functional and anatomical correlates of impaired velocity storage. Journal of the American Academy of Audiology, 15: 324-333, 2004.

Publications - Books and book chapters (Published, in review, or in preparation)

Tew, J.M., Tobler, W.D., Pensak, M.L., and **Jacobson, G.P.** "Use of the laser for resection of cranial base tumors." In Sekhar, L., Schramm, V. (Eds) Tumors of the Cranial Base, New York, Futura Publishers, 135-149 (1987).

**Jacobson, G.P.** and Spitzer, J. "The effects of age on electrophysiological tests of auditory and vestibular system function." In D. Ripich et al. (Eds.) Handbook of Geriatric Communication Disorders, Pro-Ed Austin, TX, 395-420 (1991).

**Jacobson, G.P.**, and Newman, C.W. "Background and technique of caloric testing." In Jacobson, G.P., Newman, C.W. and Kartush, J. (Eds.) Handbook of Balance Function Testing, Chicago Mosby-Yearbook, 156-192, (1993).

**Jacobson, G.P.** and Newman, C.W. "Interpretation and usefulness of caloric testing." In Jacobson, G.P., Newman, C.W. and Kartush, J. (Eds.) Handbook of Balance Function Testing, Chicago Mosby-Yearbook, 193-234, (1993).

Newman, C.W., and **Jacobson, G.P.** "Assessing balance handicap." In Jacobson, G.P., Newman, C.W. and Kartush, J. (Eds.) Handbook of Balance Function Testing, Chicago Mosby-Yearbook, 380-391, (1993).

**Jacobson, G.P.**, and Balzer, G. "Basic considerations in intraoperative monitoring." In Kartush, J. and Bouchard, K. (Eds.) Intraoperative Monitoring in Otology and Head and Neck Surgery. New York: Raven, 21-60 (1992).

**Jacobson, G.P.**, Newman, C.W. and Kartush, J. (Eds) Handbook of Balance Function Testing. Chicago Mosby-Yearbook, (1993).

Moran, J.E., **Jacobson, G.P.** and Tepley, N. "Field change mapping." In: Hoke, M., Erne S.N., Okada, Y.C. and Romani G.L. (Eds.) Biomagnetism: Clinical Aspects. Excerpta Medica, New York, 801-805, 1992.

**Jacobson, G.P.**, Ahmad, B.K., Moran, J., Newman, C.W., Wharton, J. and Tepley, N. "Auditory evoked magnetic field (M100/M200) measurements in tinnitus and normal groups." In: Hoke, M., Erne S.N., Okada, Y.C. and Romani G.L. (Eds.) Biomagnetism: Clinical Aspects. Excerpta Medica, New York, 317-320, 1992.

**Jacobson, G.P.**, Ahmad, B.K., Moran, J., Newman, C.W., Wharton, J., and Tepley, N. "Auditory evoked magnetic field (M100/M200) measurements in tinnitus and normal groups." TINNITUS 91, Proceedings of the fourth International Tinnitus Seminar, Bordeaux, France, August 27-30, 1991, Kugler Publications, New York, PP 317-322, (1992).

**Jacobson, G.P.**, Jacobson, J.T., Ramadan, N., Hyde, M. The ABR in VIII N. and brainstem disease. In: Jacobson, J.T. (Ed) The Auditory Brainstem Response, Allyn and Bacon, New York, 387-426, (1993)

**Jacobson, G.P.** Brain mapping of auditory evoked potentials. In J.T. Jacobson (Ed) The Auditory Brainstem Response (2nd Ed) Allyn and Bacon, NY, 517-540 (1993).

**Jacobson, G.P.**, Ramadan, N., Aggarwal, S., Newman, C.W. Henry Ford Hospital Headache Disability Inventory (HDI). In: Oleson (Ed) Headache Classification and Epidemiology. Raven Press, New York, 1994.

**Jacobson, G.P.** and Seidman, M. Update on tinnitus. In, Kartush, J. (Ed.) Otolaryngologic Clinics of North America, 29:(2) 455-467, 1996.

**Jacobson, G.P.**, Calder, J.A., Newman C.W., Wharton, J.W., Ahmad, B.K. Electrophysiological indices of selective auditory attention in subjects with and without tinnitus. In: Vernon, J. and Reich G. (Eds) Proceedings of the Vth International Tinnitus Seminar, Portland, OR, July, 1995, American Tinnitus Association, pp 106-113, 1996.

Newman, C.W., **Jacobson, G.P.**, Spitzer, J.B. Development of the Tinnitus Handicap Inventory. In: Vernon, J. and Reich, G. (Eds) Proceedings of the Vth International Tinnitus Seminar, Portland, OR, July, 1995, American Tinnitus Association, pp 186-192, 1996.



**Jacobson, G.P.** and Kraus, N. Hearing as Reflected in Middle and Long Latency Event-Related Potentials (ERPs). In: Alford B, Jenkins, H. and Jerger, J. (Eds.) Electrophysiologic Evaluation in Otolaryngology, Karger, New York.pp 46-84, 1997.

Smith, B., Valachovic, A.M., Elisevich, K., **Jacobson, G.P.** Language and its management in the surgical epilepsy patient. In: Johnson, A., Jacobson, B. (Eds.) Medical Speech-Language Pathology: A Practitioner's Guide. New York, Thieme, pp 425-466 1998.

**Jacobson, G.P.** Evoked potential monitoring. In: Musiek, F. and Rintelmann, W.(Eds.) Hearing Assessment. Boston, Allyn and Bacon, pp 273-304, 1999.

**Jacobson, G.P.** Physiological measurement of tinnitus in humans. In: Tyler, R.S.(Ed.) Handbook of Tinnitus. Singular/Thomson Learning, San Diego, 181-202, 2000.

**Jacobson, G.P.** Future of intraoperative monitoring. In: Roesser, R., Valente, M. Hosford-Dunn H. (Eds.) Audiology Diagnosis, Thieme Publishers, New York, 620-621, 2000.

**Jacobson, G.P.** Guest Editor Special Tinnitus Issue of Journal of the American Academy of Audiology. Journal of the American Academy of Audiology 11 (3), 2000.

Publications - Reviews (Published, in review, or in preparation)

Tepley, N. and **Jacobson, G.P.** Biomagnetic Technologies Inc. Model 607 Neuromagnetometer. Journal of Clinical Neurophysiology, 8: 235-236, (1991).

**Jacobson, G.P.:** Grandori, F., Hoke, M. and Romani, G.L., Karger (Basel) (Eds) Auditory evoked magnetic fields and electric potentials. Audiology 30: 303-304 (1991).

---, In press.

Publications - Non-peer reviewed

**Jacobson, G.P.** and Newman, C.W. Outcomes: Tools that work. AAO-HNS Bulletin, November, 1995, 36-37 (1995).

**Jacobson, G.P.** Attentional mechanisms and tinnitus. Hearing Instruments, .

**Jacobson G.P.** 10 (Give or take a couple) tips for balance function testing. The Hearing Journal, 50:10-19, (1997).

**Jacobson, G.** and Talbott, R. Resolution. To: The Executive Boards of the American Academy of Audiology; American Speech-Language and Hearing Association; and Council of Academic Programs in Communication Sciences and Disorders. Audiology Today, 10: (4) 13 (1998).

Talbott, R.E., Bess, F.H., Ferraro, J., **Jacobson G.** A unification model for audiology: It's time to end the divisiveness. The Hearing Journal, 53: 35-36, (2000).

**Jacobson, G.P.** "Universal reimbursement" for "Universal newborn hearing screening"? Editorial. American Journal of Audiology 9: 1, 1 (2000).

**Jacobson, G.P.** "Investing in audiology futures. How diversified should our portfolio be?" Editorial. American Journal of Audiology. 9: 2, 1 (2000).

**Jacobson, G.P.** "The honor of the "invitation"to participate in the editorial review process: Giving a little bit back" Editorial. American Journal of Audiology. 10: 1, 1 (2001).

**Jacobson, G.P.** "Assessing the risk of falls in the elderly: Above and beyond the ENG." The Hearing Journal, 54: 10-18, (2001).

**Jacobson, G.P.** "Universal newborn hearing loss: screening, identification, intervention." American Journal of Audiology, 10: 2, 1 (2001).

**Jacobson, G.P.**, Newman, C.W., Sandridge, S.A., McCaslin, D.L. "Using the Hearing Aid Selection Profile to identify factors in hearing aid returns." The Hearing Journal, 55 30-33, 2002.

**Jacobson, G.P.** "Is the Tail Wagging the Dog?" American Journal of Audiology, 11: 2-3, 2002.

**Jacobson, G.P.** "Our great and noble profession" American Journal of Audiology, 11: 2-3, 2002.

#### GRANTS:

"The normal variability of the perioperatively recorded SEP during scoliosis surgery." ---, 1988-1989, \$---.

---. "Auditory evoked cortical fields in tinnitus and non-tinnitus groups." Fund for ---, 1990-1992, \$--  
-.

---. "Auditory evoked cortical fields in tinnitus and non-tinnitus groups." ---, 1990-1992, \$---.

---. "Attentional mechanisms of tinnitus patients." ---, 1992-1993, \$---.

Tepley, N., Barkley, G., Moran, J., Wijesinghe, R., Jacobson, G., Elisevich K., Bowyer S., Saligram U. Development of low frequency MEG hardware and software. NIH, RO1, 1997-1999.

---. The influence of selective auditory attention on long latency auditory evoked potential components P1 and N1 in normals and patients with tinnitus. ---, 1997-1999, \$---.

--- A search for neuromagnetic evidence of auditory system plasticity in human subjects with normal hearing and with high frequency hearing loss. Fund for ---. 1999-2002, \$--- (approx.).

### HONORS, AWARDS, CONSULTANTSHIPS:

#### Honors and awards

Rehabilitation Services Award, August 1974-August 1975  
University of Wisconsin-Stevens Point

Teaching Fellowship, January 1976-June 1976  
Kent State University

Distinguished Alumnus Award, University of Wisconsin - Stevens Point, ---

#### **Advanced to Fellowship- American Society For Neurophysiological Monitoring (ASNM), 1990**

Appointed to Executive Council, American Society for Evoked Potential Monitoring (now American Society of Neurophysiological Monitoring), 1990

Publications Committee, American Academy of Audiology, 1989 - 1990

President, American Society of Neurophysiological Monitoring (ASNM) 1995-1996.

Appointed Chair Audiology Subcommittee, ASHA Council on Professional Standards, 1997-1998

Appointed to Scientific Advisory Committee, American Tinnitus Association, 1997

#### **Advanced to Fellowship- American Speech Language Hearing Association, 1997**

Appointed to Board of Directors, American Tinnitus Association, 1998-2001

Appointed to Clinic Advisory Board- Central Institute for the Deaf- 1997

**Editors Award from the Journal of the American Academy of Audiology, April 28, 1999.**

**Jerger Career Award for Research in Audiology, the American Academy of Audiology.** 14<sup>th</sup>  
Annual Convention and Expo, Philadelphia, PA, April 18, 2002.

Consultantships

Adjunct Assistant Professor of Audiology  
University of Cincinnati  
Department of Audiology and Speech Pathology  
1983-1988

Clinical Instructor  
Case Western Reserve University  
Department of Communication Sciences  
1983-1987

Adjunct Assistant Professor of Neurology  
Department of Neurology  
University of Cincinnati Medical Center  
1983-1988

Adjunct Assistant Professor of Neurosurgery  
Department of Neurosurgery  
University of Cincinnati Medical Center  
1986-1988

Adjunct Associate Professor of Audiology  
Wayne State University School of Medicine  
1989 - 1995

Adjunct Associate Professor of Audiology  
Graduate College  
Wayne State University  
1989 - 1995

Appointed Consultant VA Medical Center Ann Arbor, 1993

Ad Hoc Reviewer, NIH Special Emphasis Panel (CMS Study Section), 1993

Ad Hoc Reviewer, NIH Bioengineering Partnership, 2001

Ad Hoc Reviewer, National Science Foundation, 1996

Adjunct Assistant Professor of Audiology  
The Ohio State University  
Department of Speech and Hearing Science  
1997 - present

Adjunct Associate Professor of Audiology  
College of Science  
Wayne State University  
1995- present

Ad Hoc Reviewer, NIH SBIR, 1998

Educational Testing Service (ETS) consultant for revision of national audiology examination, 1999

Appointed Special Government Employee (SGE) consultant to FDA Division of of Ophthalmic and Ear, Nose and Throat Devices, 2001

#### Editorial Activities

##### **Non-Peered Reviewed Publications**

Editor- *ASNM MONITOR, Newsletter of the American Society of Neurophysiological Monitoring*, 1993-1994

##### **Peered-Reviewed Publications**

**Editor: American Journal Of Audiology (AJA), 2000-2003**

Editorial Board:

*Brain Topography: A Journal of Functional Neurophysiology*, 1987 – present

*Seminars in Hearing: 2001- present*

Associate Editor(Electrophysiology)

*Journal of the American Academy of Audiology*, 1998-2002

Assistant Editor

*Journal of the American Academy of Audiology*, 2003-

Editorial Consultant for:

*Journal of Speech and Hearing Research*, 1993

Ad Hoc Reviewer for:

*British Journal of Audiology*- 1999

*Ear and Hearing* 1986 - present

*Hearing Research* 1988 - present

*Electroencephalography and Clinical  
Neurophysiology* 1989-1995

*Cephalgia* - 1992 - present

*Neurology*, 1994 - present

*Annals of Otology Rhinology and Laryngology*, 1994

*Experimental Brain Research*, 1996

*Archives of Otolaryngology-Head and Neck Surgery*-  
1998-present